

CLAIM AMENDMENTS

Please amend Claim 14 as follows

1. - 13. (Cancelled)

14. (Currently Amended) A driving method for a CMOS type image pickup device having pixels each including a photoelectric conversion unit, a transfer MOS transistor for transferring photoelectric conversion signal charges generated by said photoelectric conversion unit to a floating diffusion unit at an input terminal of an amplifier element, wherein the image pickup device includes signal lines outputting the amplified signal to a capacitor arranged at each signal line, and a switch element for controlling electric continuity of the signal line and the capacitor, comprising:

a driving step of applying a plurality of pulses to the transfer switch to transfer a part of the signal charge charges generated by said photoelectric conversion unit to the floating diffusion ~~unit~~ region, and subsequently to transfer the other part of the signal charges generated by said photoelectric conversion to unit to the floating diffusion region, before reading out a signal from the pixel to the signal line.

15. (Cancelled)

16. (Previously Presented) The driving method according to Claim 14, wherein the driving step includes a step of resetting the input terminal of the amplifier element and outputting a reset signal generated from the amplifier element upon the resetting, and a step of outputting a photoelectric conversion signal from the amplifier element, and wherein the driving method further comprises a step of subtracting the reset signal from the photoelectric conversion signal.

17. (Previously Presented) The driving method according to Claim 14, wherein the photoelectric conversion signal and the reset signal include correlated signals.